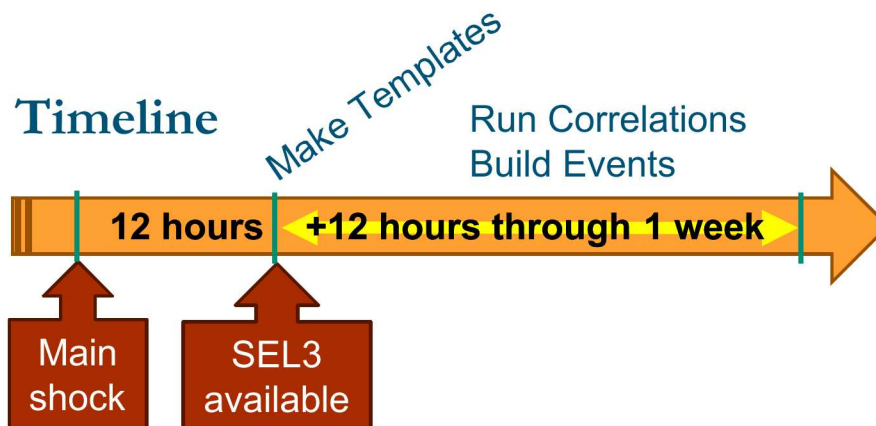


Goal: Reducing human analyst effort during aftershock sequences in ground-based nuclear explosion monitoring.

Experimental Setup



Results Summary

Aftershock Sequence	Estimated Workload Reduction
Nepal 2015	72%
Chile 2015	22%
Tohoku 2011	39%

Event comparison tolerance (1.0°, ±15 sec)

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Map of 2011 Tohoku, Japan aftershocks detected during 12-hour period, shown by number of IMS detecting stations/templates.

